

TRIPLE ARRAY DEFIBRILLATION CATHETER AND METHOD OF USING THE SAME

Abstract of the Disclosure

A catheter for facilitating intracardiac atrial defibrillation that includes an elongated flexible member that has a proximal end and a distal end is disclosed. Three spaced apart electrode arrays are secured around the periphery of the flexible member in a predetermined pattern so that a first electrode array is positioned within the superior vena cava, a second electrode array is positioned within the right atrium, and a third electrode array is positioned within the coronary sinus. Alternatively, the third electrode array may be positioned in the right ventricle rather than the coronary sinus. Electrical leads extend through the proximal end of the flexible member to supply electrical current to the electrode arrays, thereby defibrillating or cardioverting the heart.